

Training Course on APPLICATION OF GIS FOR NATURAL HAZARD AND RISK ASSESSMENT

Venue : Dhaka, Bangladesh
Date: 25-29 September 2010

Objectives

The objective of this training course is to develop basic skills on GIS analysis and application of GIS & Remote Sensing Techniques for Disaster Risk Reduction.

Course contents

Module –I

- Basics of GIS
- Understanding Natural Hazards
- Basics of Database Structure

Module –II

- Introduction to GIS Software
- Data Management in GIS environment
- Spatial Referencing
- Spatial Data Preparation

Module –III

- Basic Attribute Analysis
- Spatial and Temporal Data Visualization

Module –IV

- Spatial data analysis
- Natural Hazard (Flood, Landslide, Earthquake, etc.) Analysis in GIS and RS environment

- Data Presentation

Module–V

- Overview on loss estimation
- Community Based Disaster Risk Reduction (CBDRR) using GIS

Benefits

- Understanding of GIS in Practical Field
- Understand the potential applications of GIS in hazard, vulnerability and risk assessment
- Understand the importance of spatial data in disaster risk assessment and management

Participants

This course is designed to assist disaster management practitioners to enable them to use GIS. Following interested groups can attend this course

- Disaster Management Professionals, Practitioners, Academicians, Students

Prerequisites

Basic knowledge on disaster risk management aspects is desirable. Knowledge of or skills with GIS is not required.

Certification

Participants will receive certificates upon completion of the course.

Course Fee

12000 BDT per person

Registration Deadline

20th August, 2010

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About ADPC

The Asian Disaster Preparedness Center (ADPC) is a lead regional resource center dedicated to disaster reduction in Asia and the Pacific region and its Head Office is located in Bangkok, Thailand. ADPC works with governments, NGOs and communities of the Asia and Pacific region to strengthen their capacities in disaster preparedness, mitigation and response through professional training, technical assistance, regional program management and information and research. It has now been recognized as an Inter-governmental Organization with effect from 28 February 2005 with a mandate to expand disaster management and mitigation activities in various countries.

For more information: www.adpc.net

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